

Title (en)
PROCESS FOR PREPARING UREA

Title (de)
VERFAHREN ZUR HERSTELLUNG VON HARNSTOFF

Title (fr)
PROCEDE DE PREPARATION D'UREE

Publication
EP 0977731 A1 20000209 (EN)

Application
EP 98900772 A 19980120

Priority
• NL 9800036 W 19980120
• NL 1005118 A 19970129

Abstract (en)
[origin: WO9832731A1] Process for the preparation of urea, in which the gas stream which is released during the synthesis of melamine and is composed essentially of ammonia and carbon dioxide is used to synthesize urea, in which process the gas stream which originates from a high-pressure melamine process and is composed essentially of ammonia and carbon dioxide is condensed at a pressure virtually equal to the pressure in the melamine reactor, in which process substantially anhydrous ammonium carbamate is formed, after which said ammonium carbamate is fed to a high-pressure section of a urea stripping plant.

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IPC 8 full level
C07C 273/12 (2006.01)

CPC (source: EP KR US)
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WO 9832731 A1 19980730; AT E220392 T1 20020715; AU 5578898 A 19980818; AU 726205 B2 20001102; CA 2279235 A1 19980730; CA 2279235 C 20061212; CN 1119326 C 20030827; CN 1251088 A 20000419; DE 69806475 D1 20020814; DE 69806475 T2 20030227; EP 0977731 A1 20000209; EP 0977731 B1 20020710; ES 2180139 T3 20030201; ID 22135 A 19990909; JP 2001509159 A 20010710; JP 4063333 B2 20080319; KR 100522226 B1 20051017; KR 20000070500 A 20001125; NL 1005118 C2 19980730; NO 312545 B1 20020527; NO 993698 D0 19990729; NO 993698 L 19990921; PL 196634 B1 20080131; PL 334875 A1 20000327; TW 513396 B 20021211; US 6111138 A 20000829

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